

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031365.D
 Acq On : 15 Sep 2022 19:42
 Operator : JC/MD
 Sample : N4492-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-090122RE

Quant Time: Sep 16 04:57:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

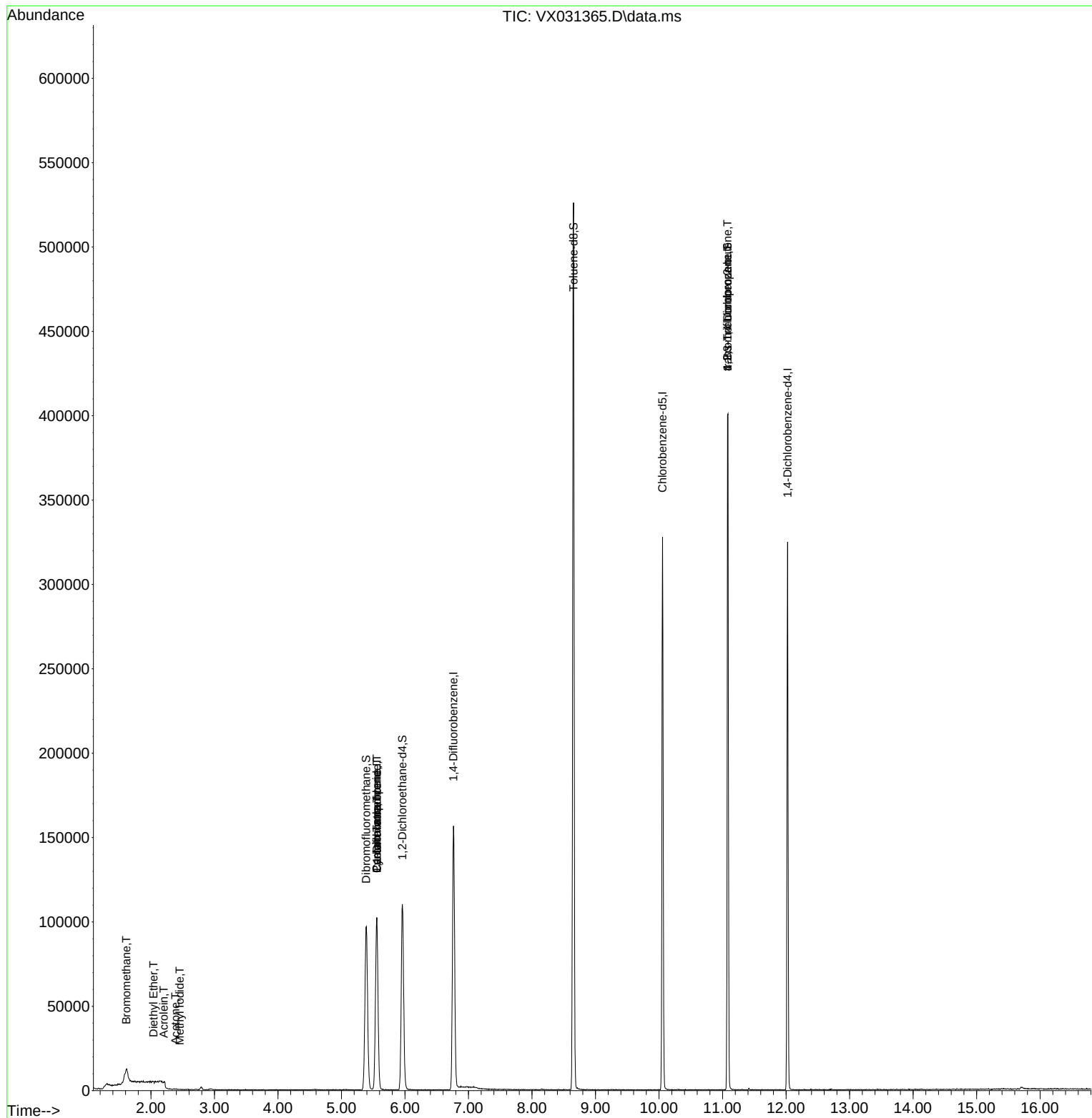
Internal Standards						
1) Pentafluorobenzene	5.556	168	95186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158420	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98702	42.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.500%
35) Dibromofluoromethane	5.385	113	81101	47.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	8.653	98	307572	48.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.079	95	96422	41.221	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.440%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	261	Below Cal	#	41
5) Bromomethane	1.611	94	611	0.490	ug/l #	74
8) Diethyl Ether	2.038	74	19	0.543	ug/l #	1
10) Methyl Iodide	2.453	142	25	0.924	ug/l #	38
11) Tert butyl alcohol	2.934	59	125	Below Cal	#	73
13) Acrolein	2.203	56	96	0.356	ug/l #	1
16) Acetone	2.386	43	551	0.552	ug/l #	45
20) Methylene Chloride	2.794	84	714	Below Cal	#	91
21) trans-1,2-Dichloroethene	3.154	96	60	Below Cal	#	1
31) Cyclohexane	5.556	56	2452	0.977	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	8104	3.477	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9604	3.791	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	55544	35.814	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	55544	99.097	ug/l #	11

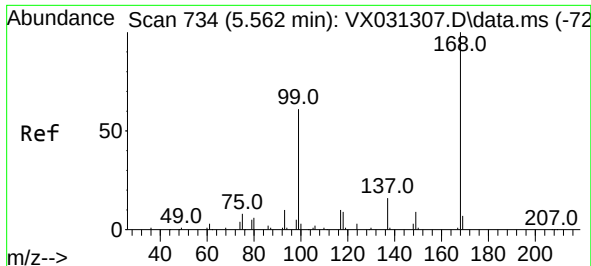
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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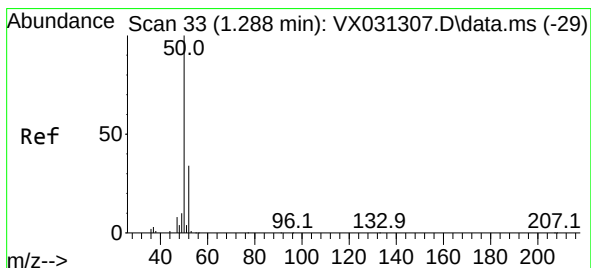
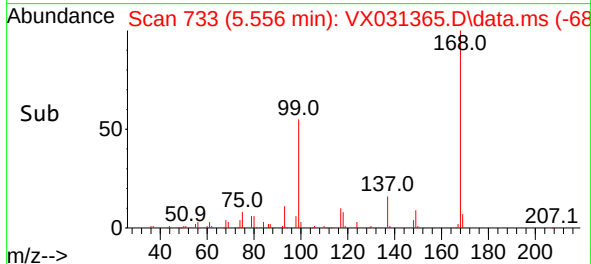
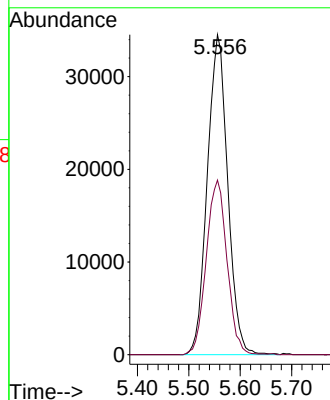
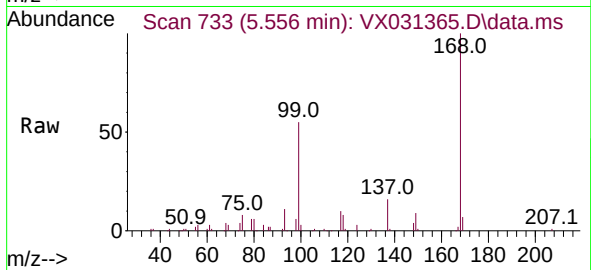




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

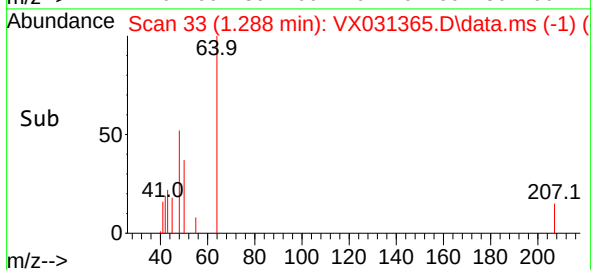
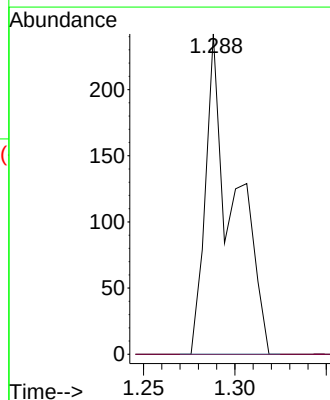
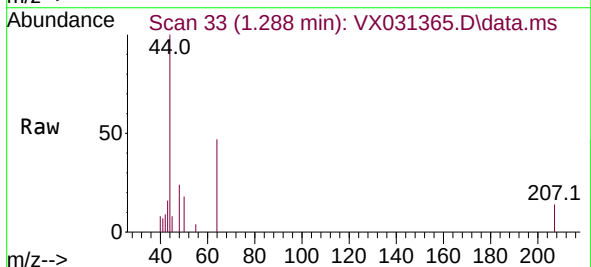
Instrument :
MSVOA_X
ClientSampleId :
TB01-090122RE

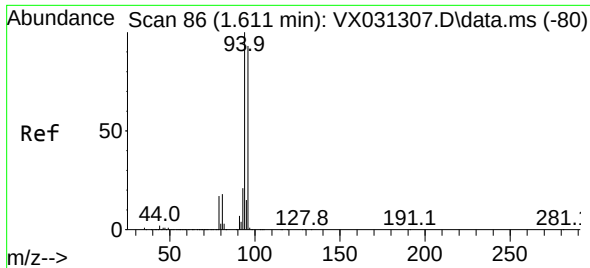
Tgt Ion:168 Resp: 95186
Ion Ratio Lower Upper
168 100
99 54.5 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Tgt Ion: 50 Resp: 261
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

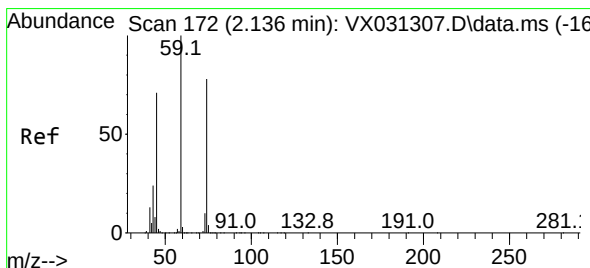
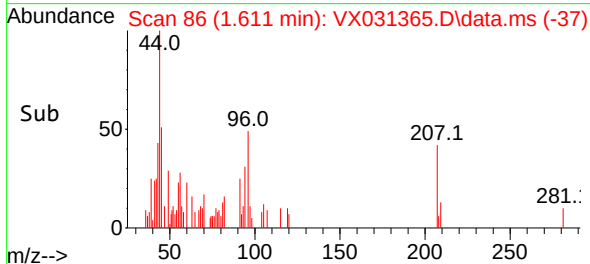
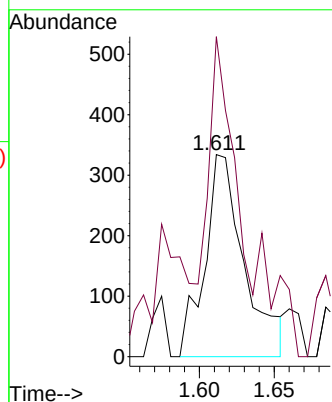
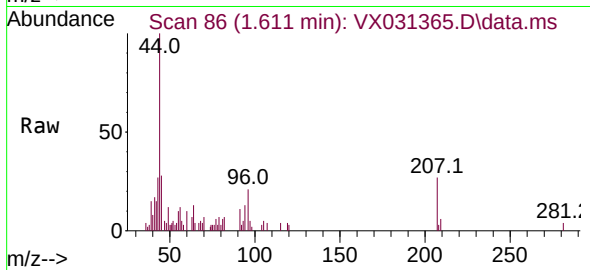




#5
Bromomethane
Concen: 0.490 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

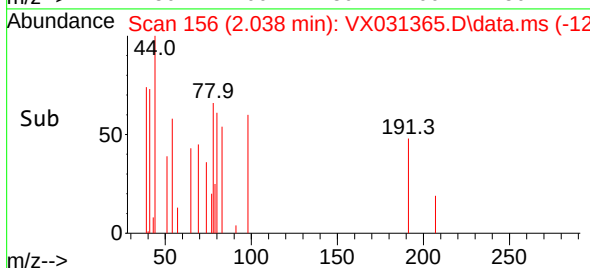
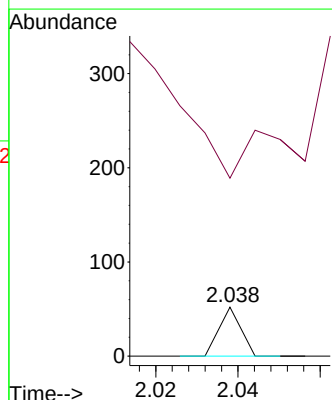
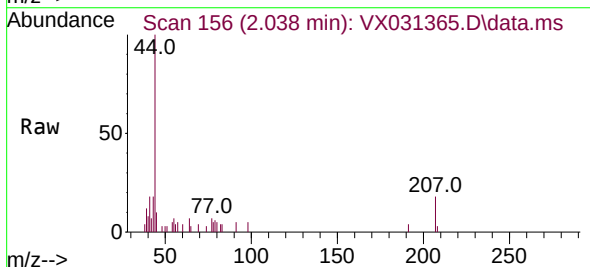
Instrument :
MSVOA_X
ClientSampleId :
TB01-090122RE

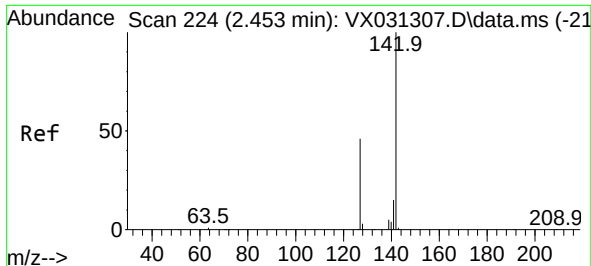
Tgt Ion: 94 Resp: 611
Ion Ratio Lower Upper
94 100
96 118.3 74.4 111.6#



#8
Diethyl Ether
Concen: 0.543 ug/l
RT: 2.038 min Scan# 156
Delta R.T. -0.098 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

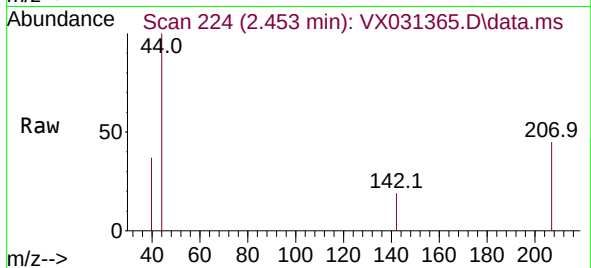
Tgt Ion: 74 Resp: 19
Ion Ratio Lower Upper
74 100
45 0.0 48.5 145.6#



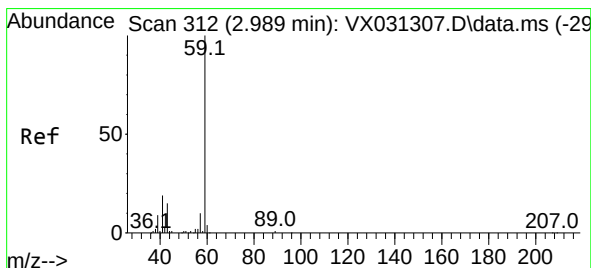
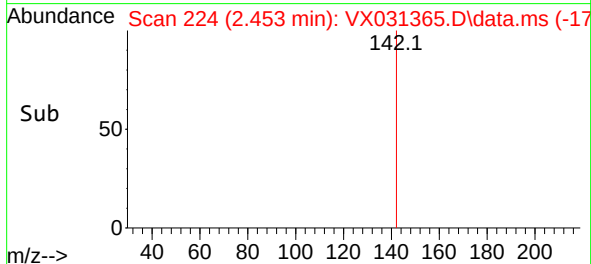
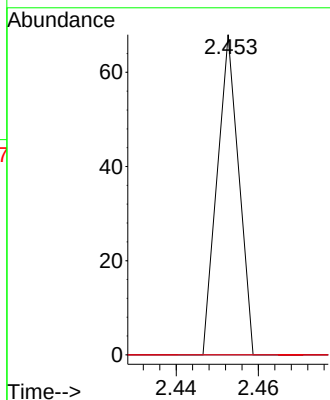


#10
Methyl Iodide
Concen: 0.924 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
TB01-090122RE

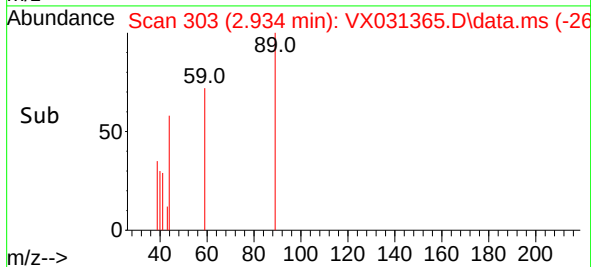
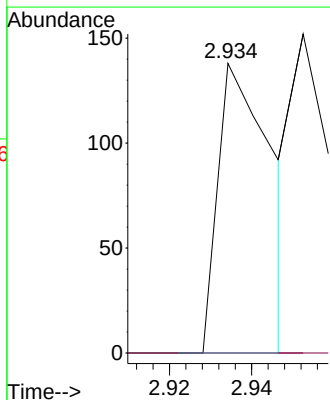
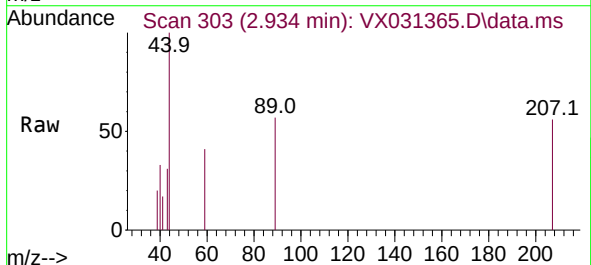


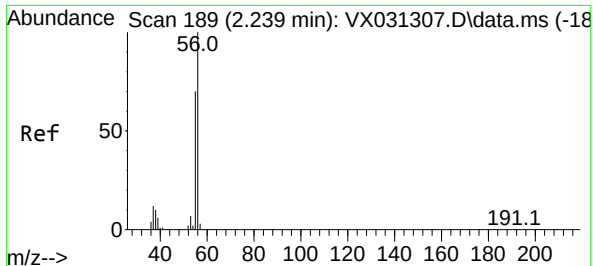
Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 303
Delta R.T. -0.055 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Tgt Ion: 59 Resp: 125
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

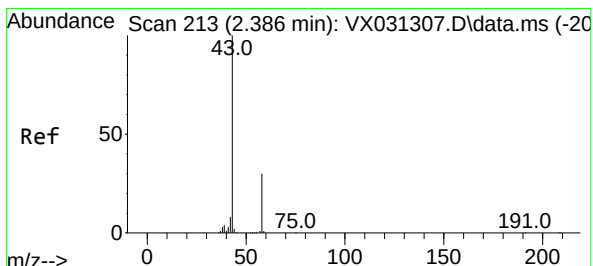
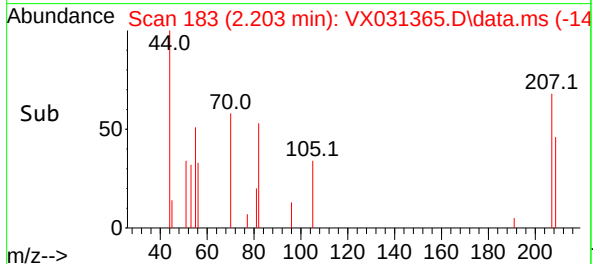
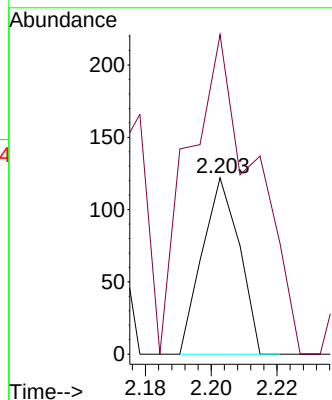
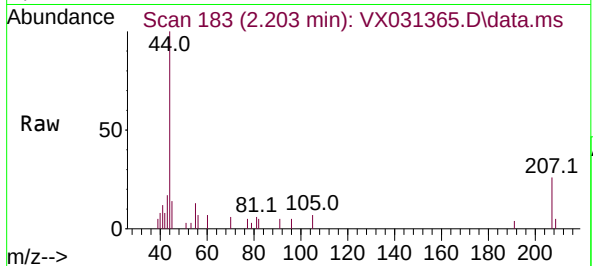




#13
Acrolein
Concen: 0.356 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.036 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

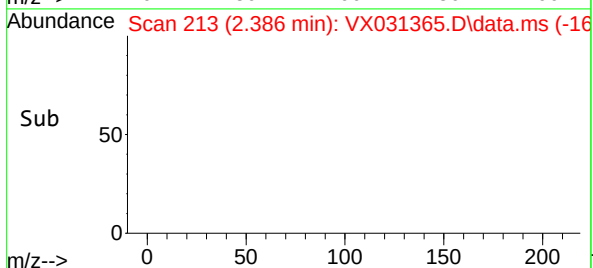
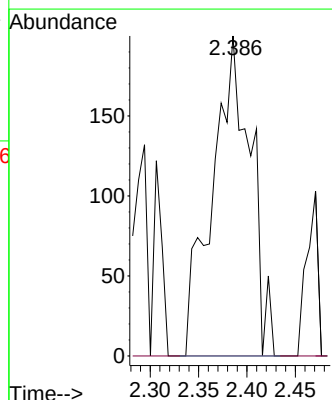
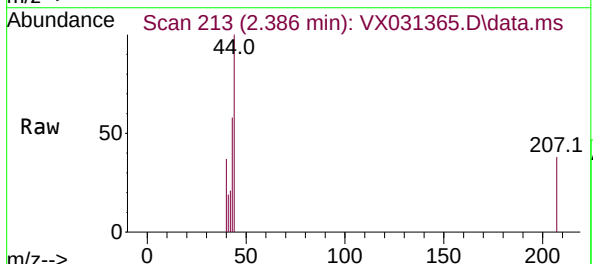
Instrument :
MSVOA_X
ClientSampleId :
TB01-090122RE

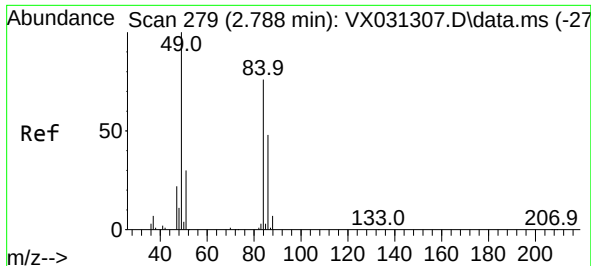
Tgt Ion: 56 Resp: 96
Ion Ratio Lower Upper
56 100
55 321.9 56.0 84.0#



#16
Acetone
Concen: 0.552 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Tgt Ion: 43 Resp: 551
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031365.D

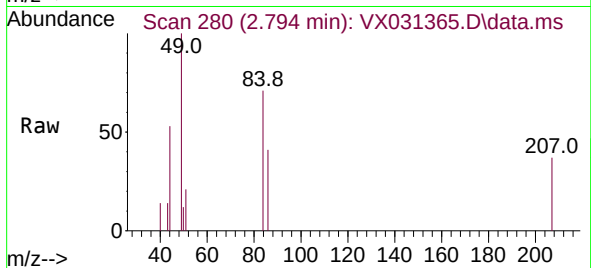
Acq: 15 Sep 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

TB01-090122RE



Tgt Ion: 84 Resp: 714

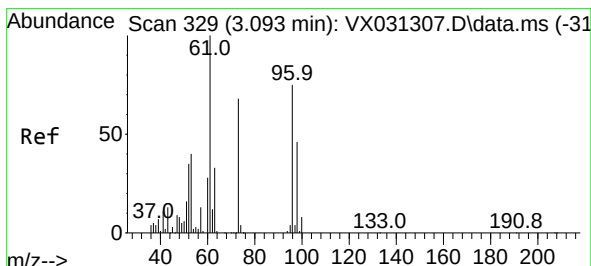
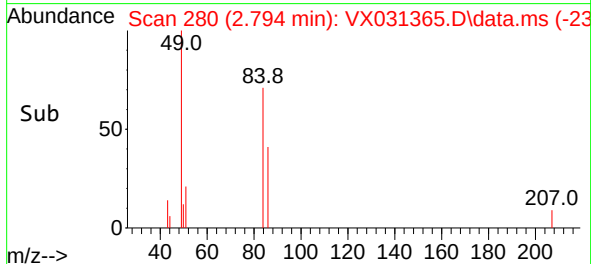
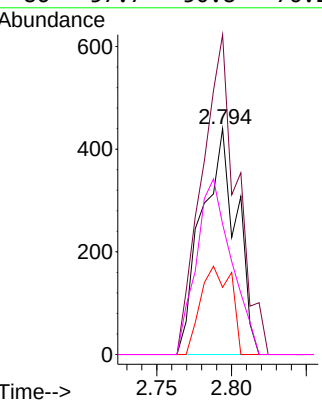
Ion Ratio Lower Upper

84 100

49 141.6 105.9 158.9

51 29.8 32.2 48.2#

86 57.7 50.8 76.2



#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.154 min Scan# 339

Delta R.T. 0.061 min

Lab File: VX031365.D

Acq: 15 Sep 2022 19:42

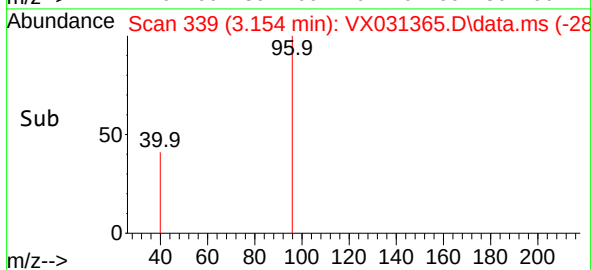
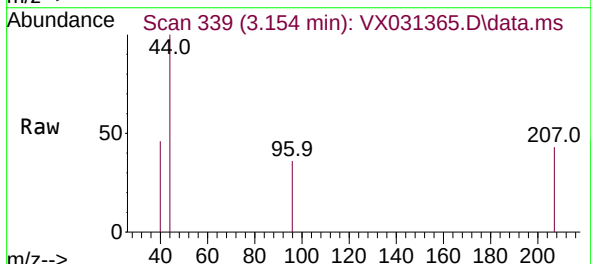
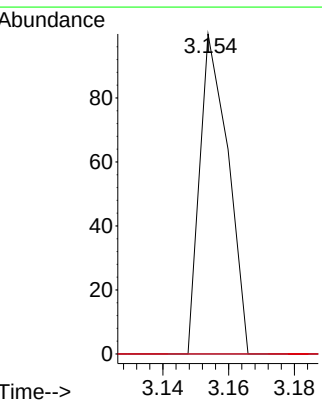
Tgt Ion: 96 Resp: 60

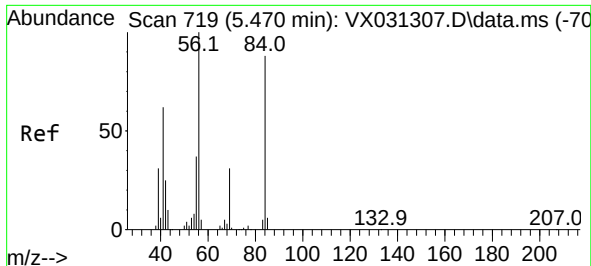
Ion Ratio Lower Upper

96 100

61 0.0 106.7 160.1#

98 0.0 48.7 73.1#

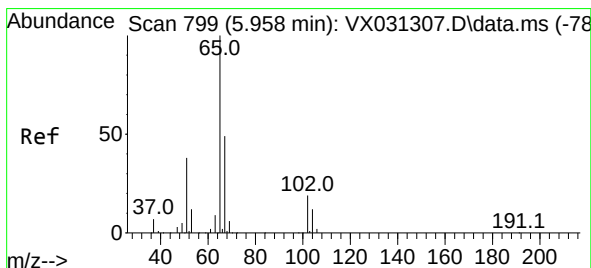
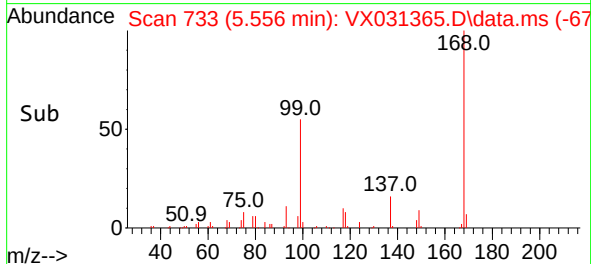
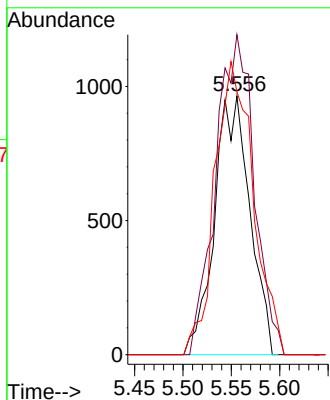
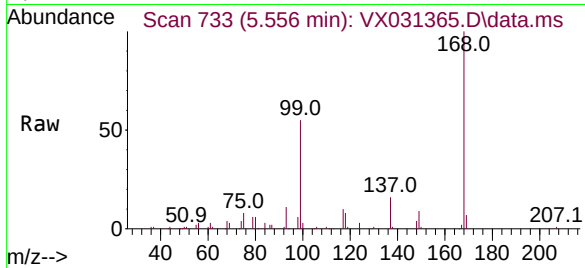




#31
Cyclohexane
Concen: 0.977 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

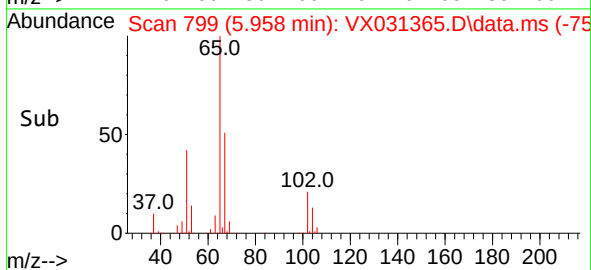
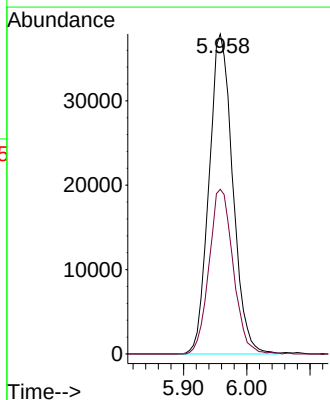
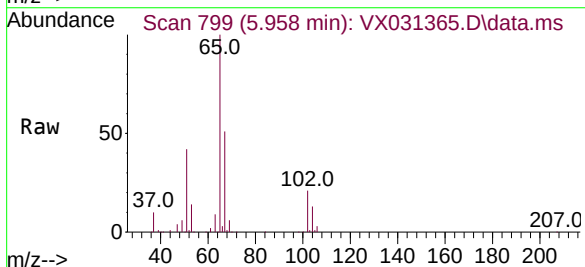
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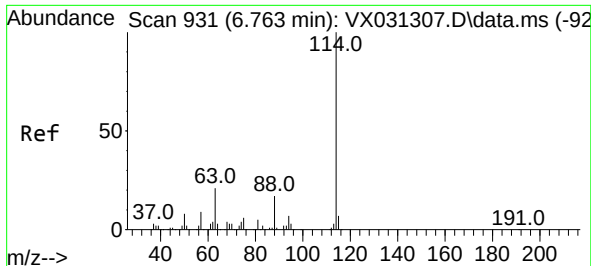
Tgt Ion: 56 Resp: 2452
Ion Ratio Lower Upper
56 100
69 123.8 25.1 37.7#
84 101.7 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 42.246 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Tgt Ion: 65 Resp: 98702
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

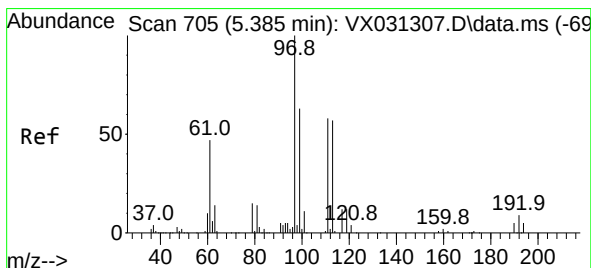
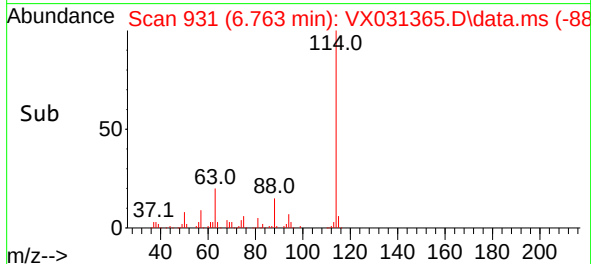
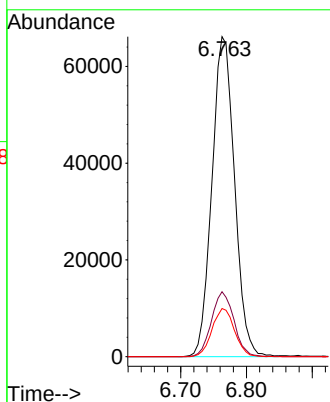
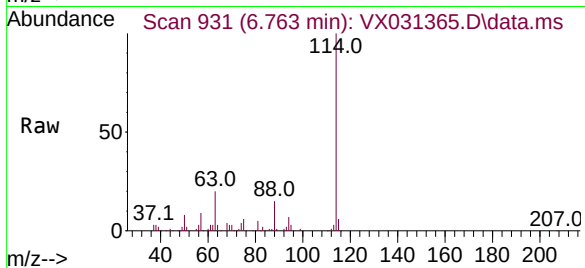




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

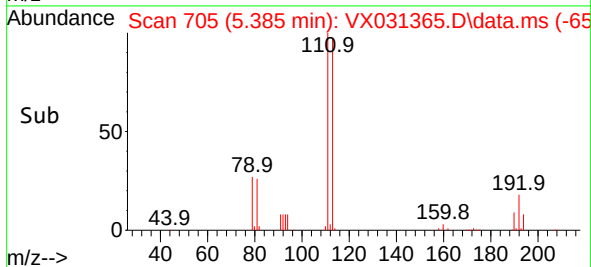
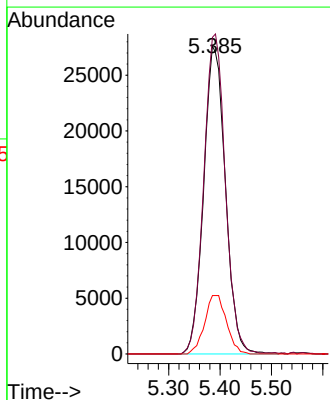
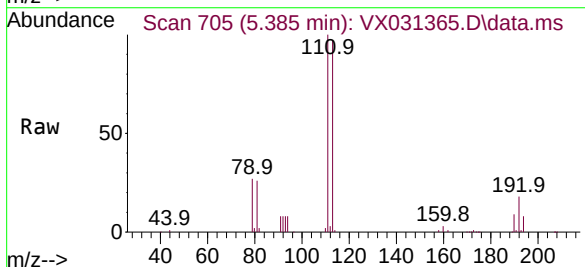
Instrument :
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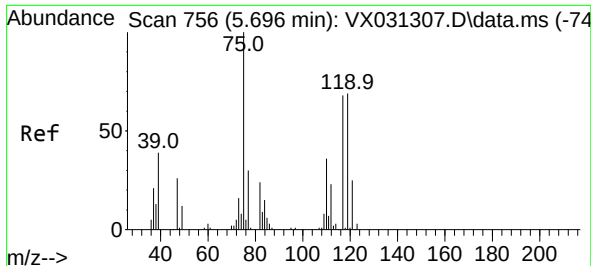
Tgt Ion:114 Resp: 158420
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.625 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Tgt Ion:113 Resp: 81101
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.1 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.477 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031365.D

Acq: 15 Sep 2022 19:42

Instrument :

MSVOA_X

ClientSampleId :

TB01-090122RE

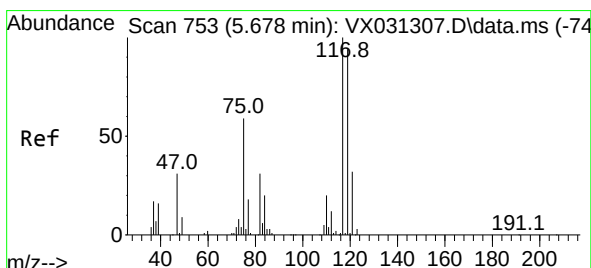
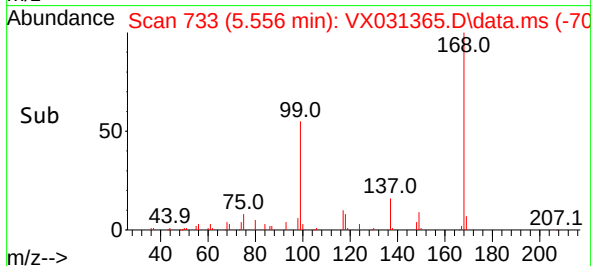
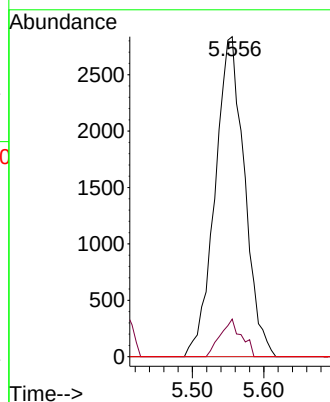
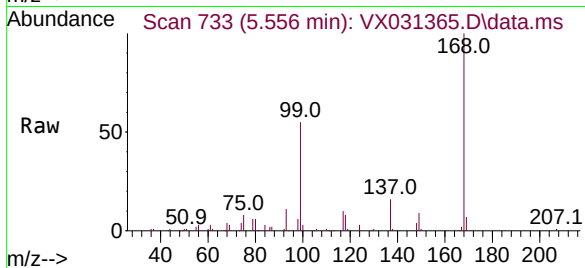
Tgt Ion: 75 Resp: 8104

Ion Ratio Lower Upper

75 100

110 8.5 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.791 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031365.D

Acq: 15 Sep 2022 19:42

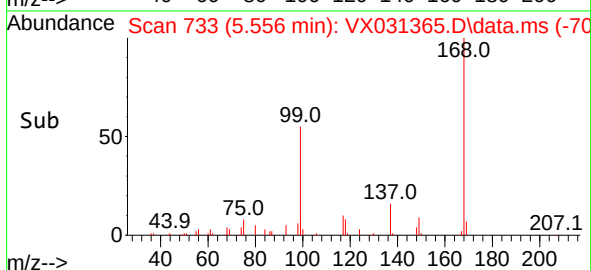
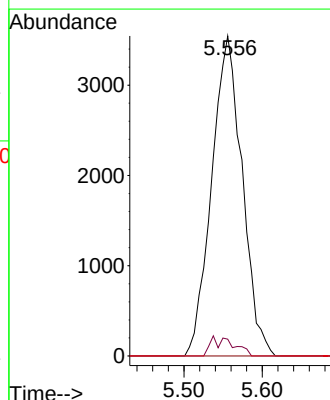
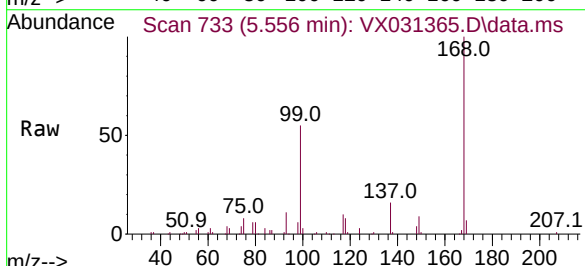
Tgt Ion: 117 Resp: 9604

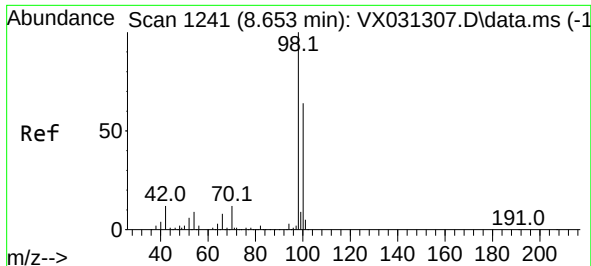
Ion Ratio Lower Upper

117 100

119 5.3 74.6 112.0#

121 0.0 25.3 37.9#

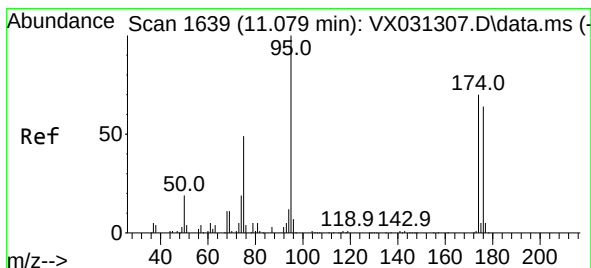
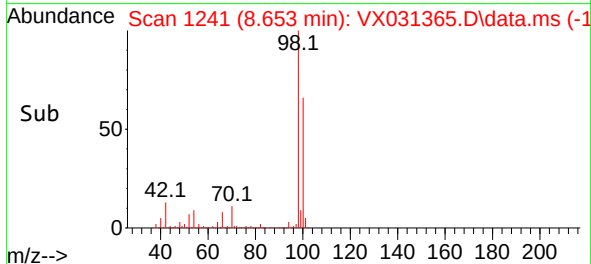
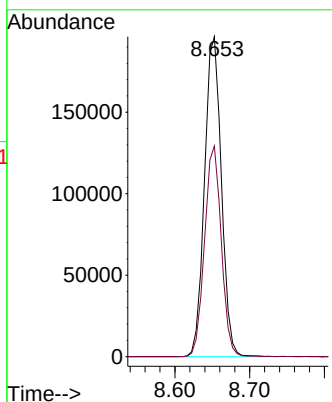
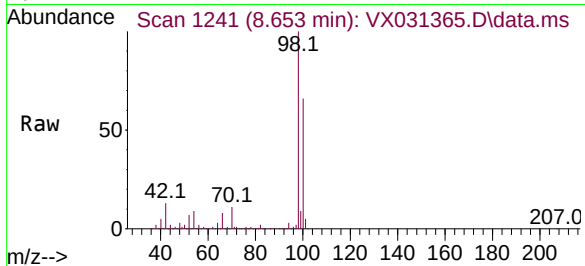




#50
Toluene-d8
Concen: 48.150 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

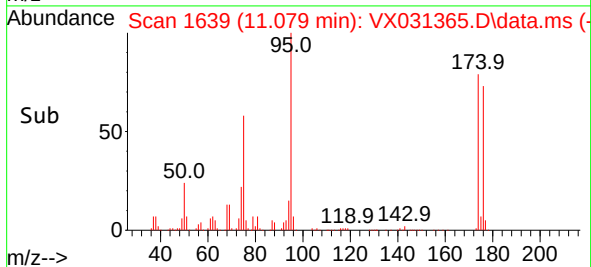
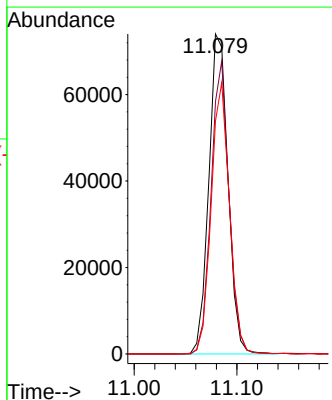
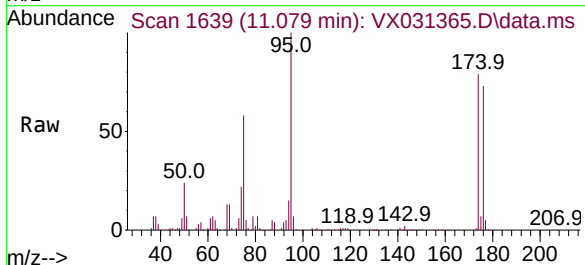
Instrument :
MSVOA_X
ClientSampleId :
TB01-090122RE

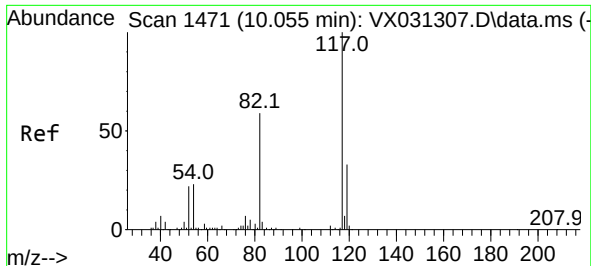
Tgt Ion: 98 Resp: 307572
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 41.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Tgt Ion: 95 Resp: 96422
Ion Ratio Lower Upper
95 100
174 85.5 0.0 153.2
176 81.0 0.0 144.0

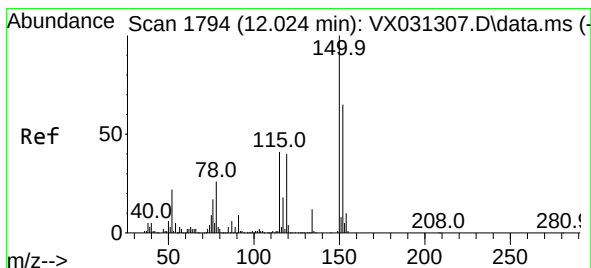
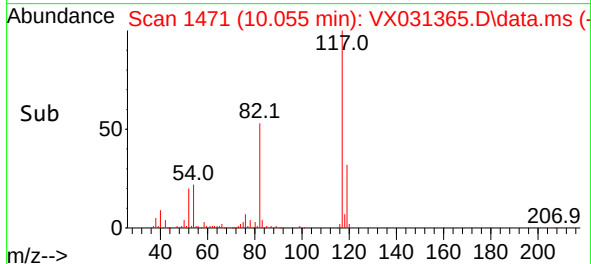
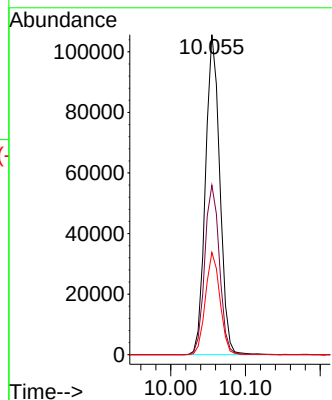
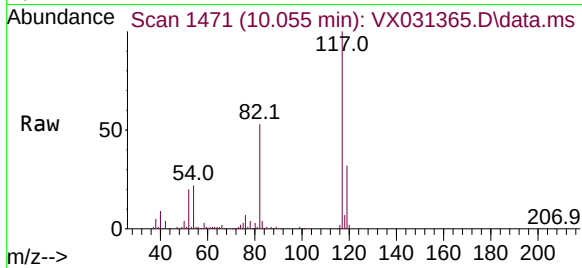




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

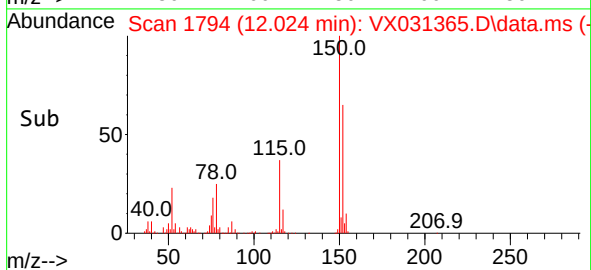
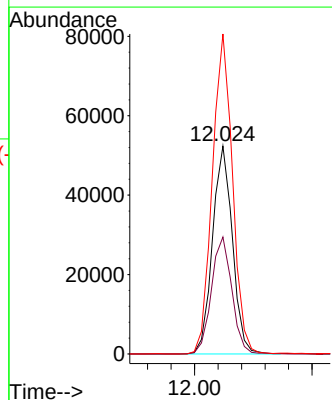
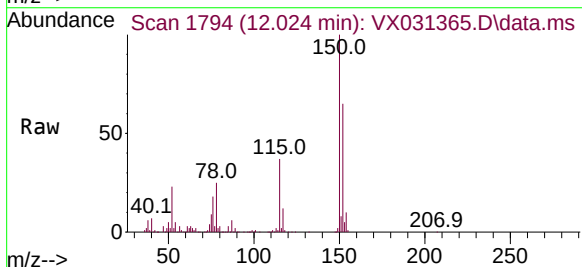
Instrument :
MSVOA_X
ClientSampleId :
TB01-090122RE

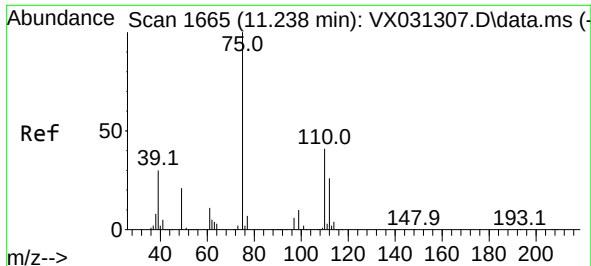
Tgt Ion:117 Resp: 140761
Ion Ratio Lower Upper
117 100
82 53.0 46.8 70.2
119 31.9 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Tgt Ion:152 Resp: 61544
Ion Ratio Lower Upper
152 100
115 57.8 43.4 130.1
150 155.9 0.0 346.8

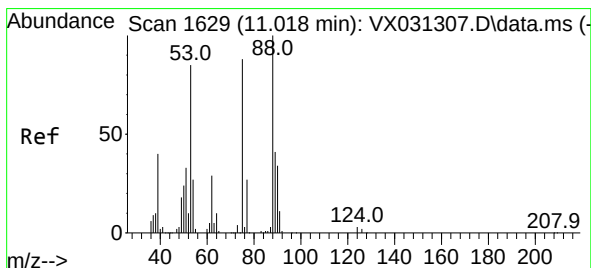
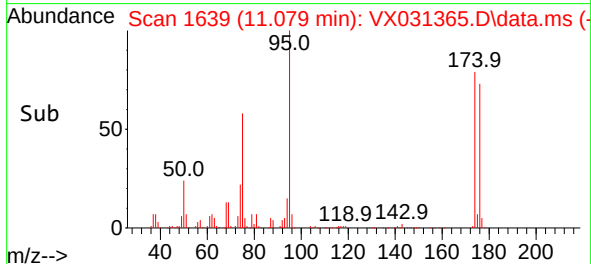
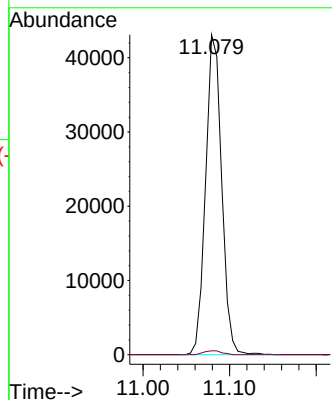
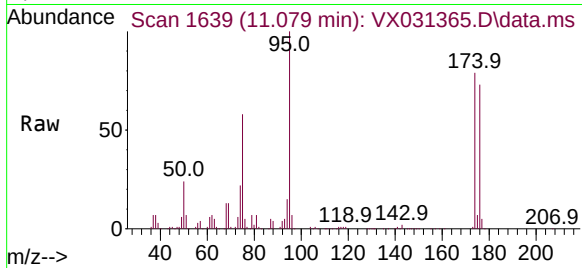




#76
1,2,3-Trichloropropane
Concen: 35.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Instrument :
MSVOA_X
ClientSampleId :
TB01-090122RE

Tgt Ion: 75 Resp: 55544
Ion Ratio Lower Upper
75 100
77 1.4 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031365.D
Acq: 15 Sep 2022 19:42

Tgt Ion: 75 Resp: 55544
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

